

Fig. 1

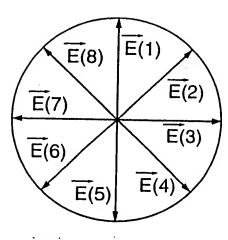


Fig. 1A

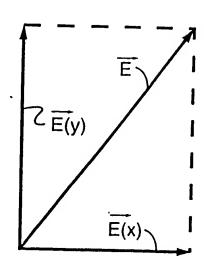
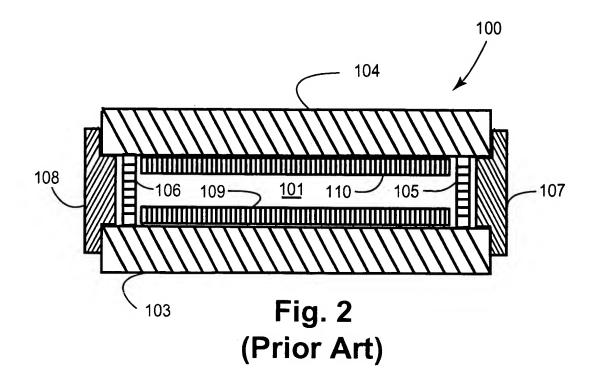


Fig. 1B



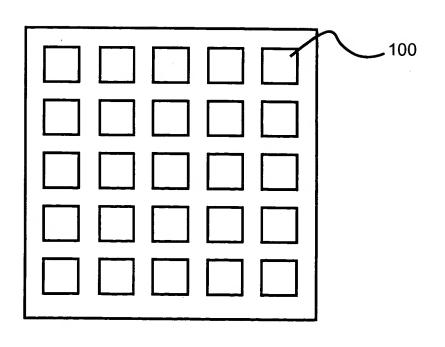
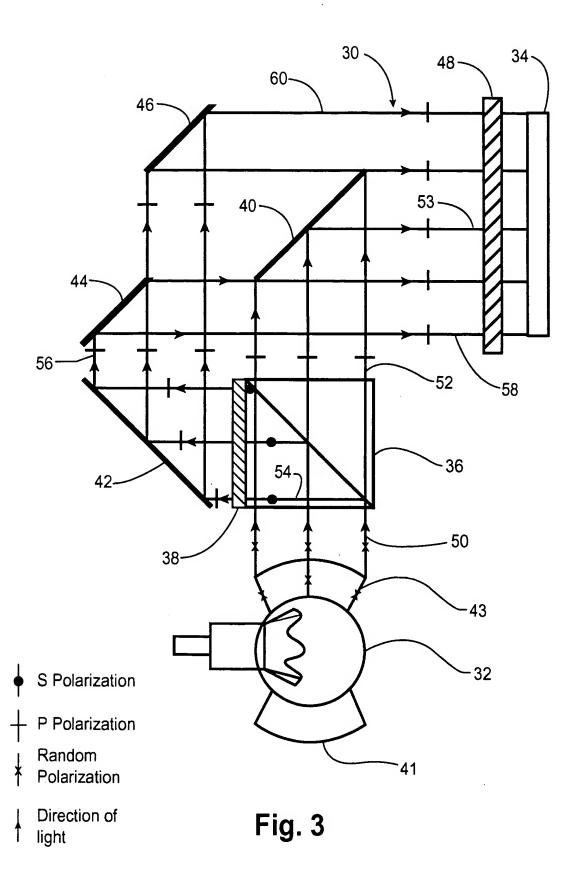
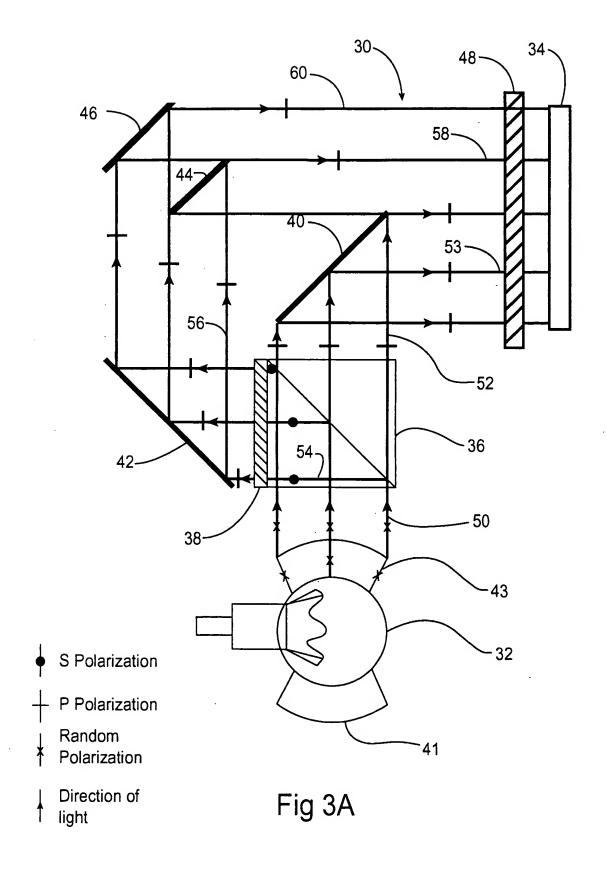
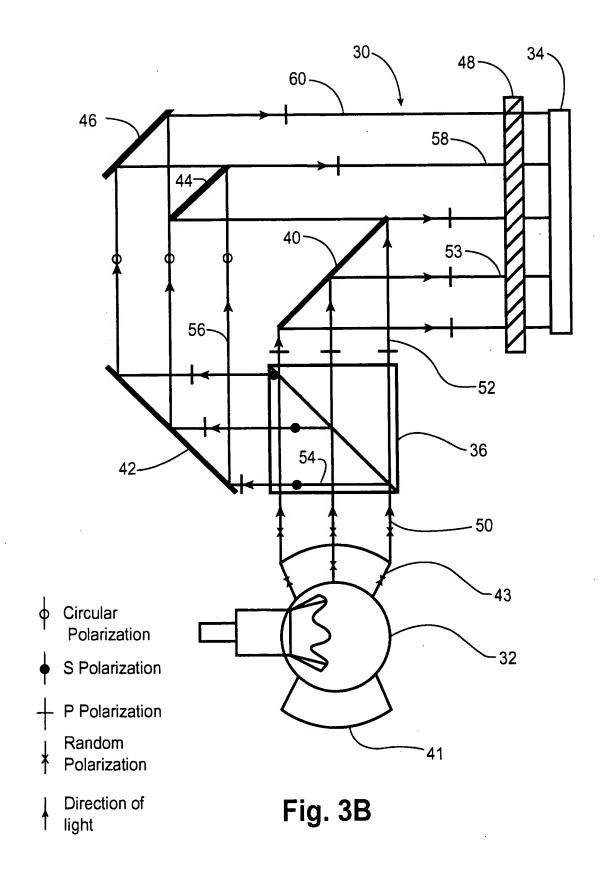
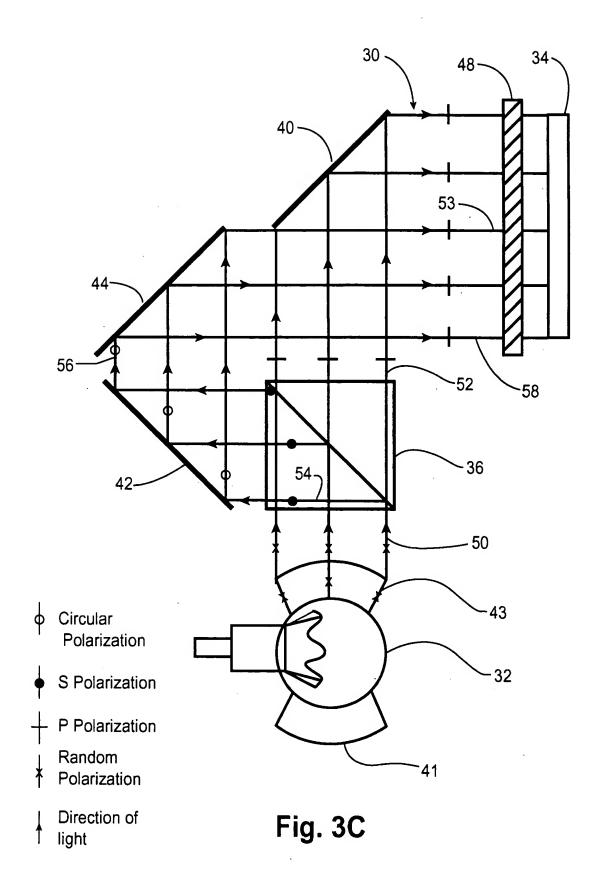


Fig. 2A









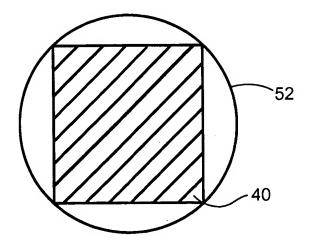
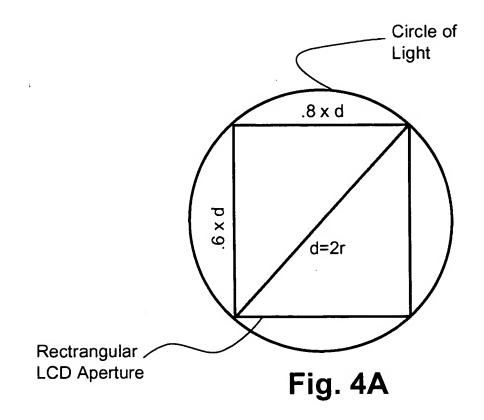


Fig. 4



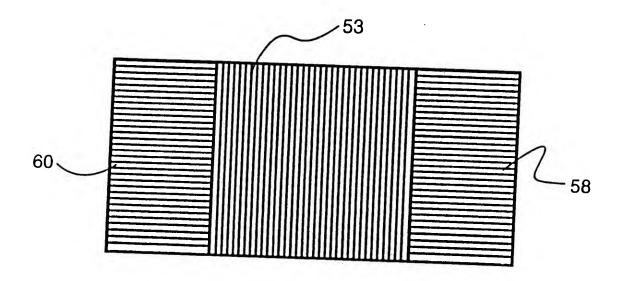
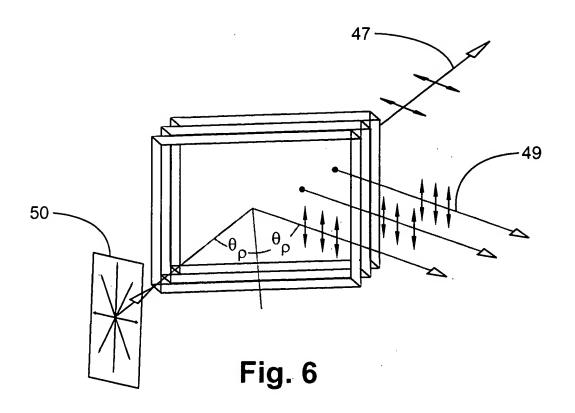


Fig. 5



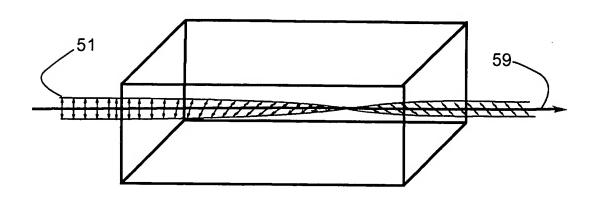


Fig. 7

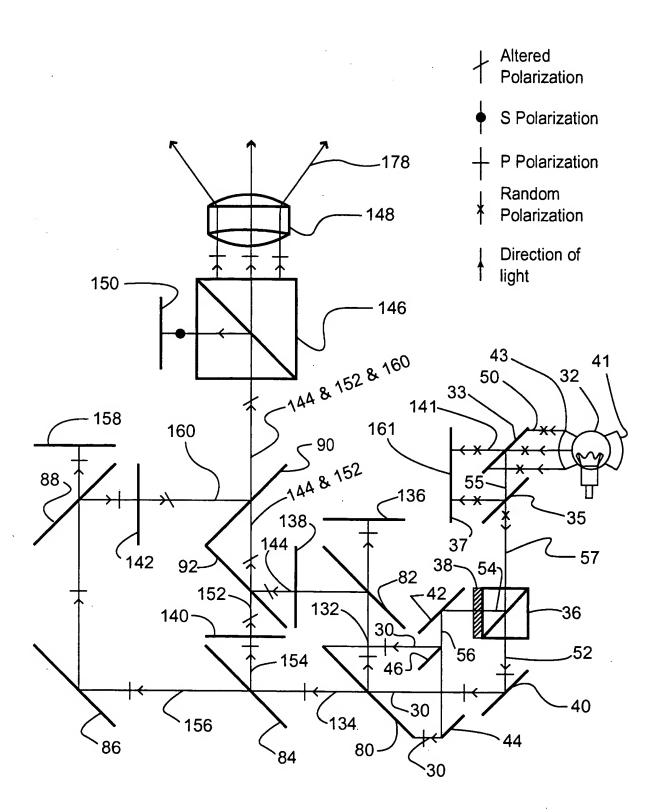
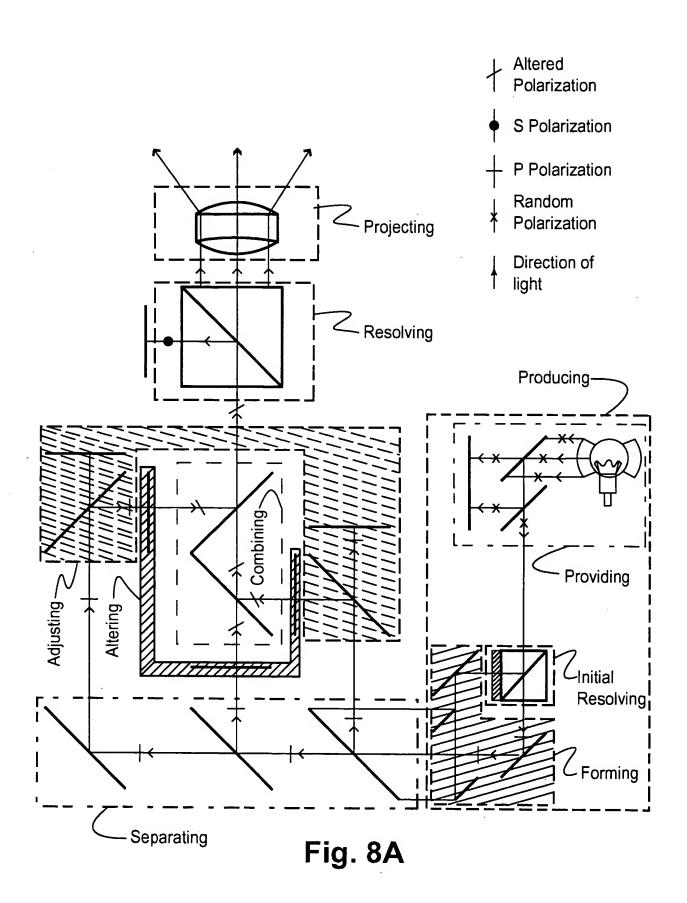


Fig. 8



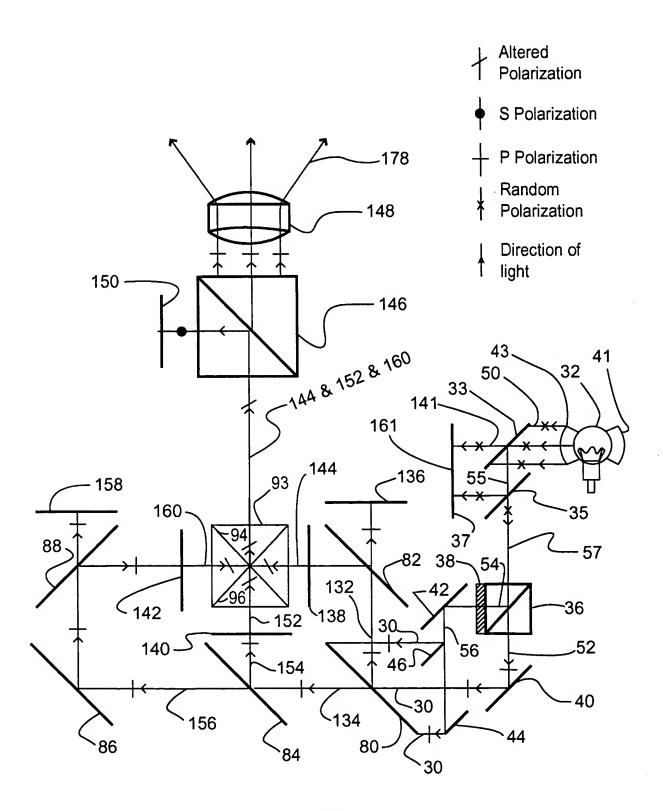
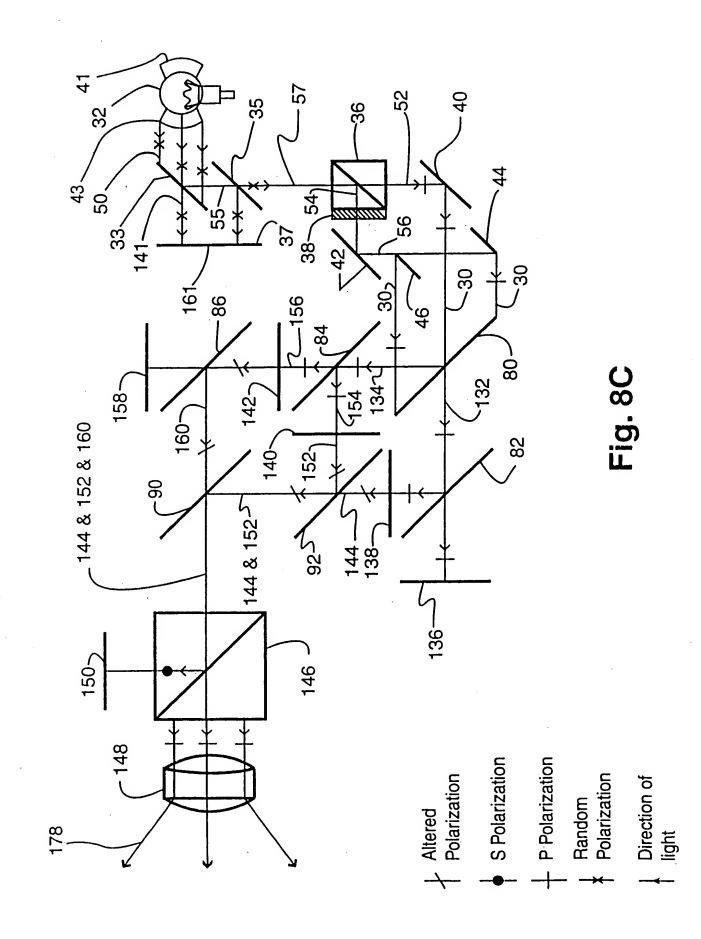
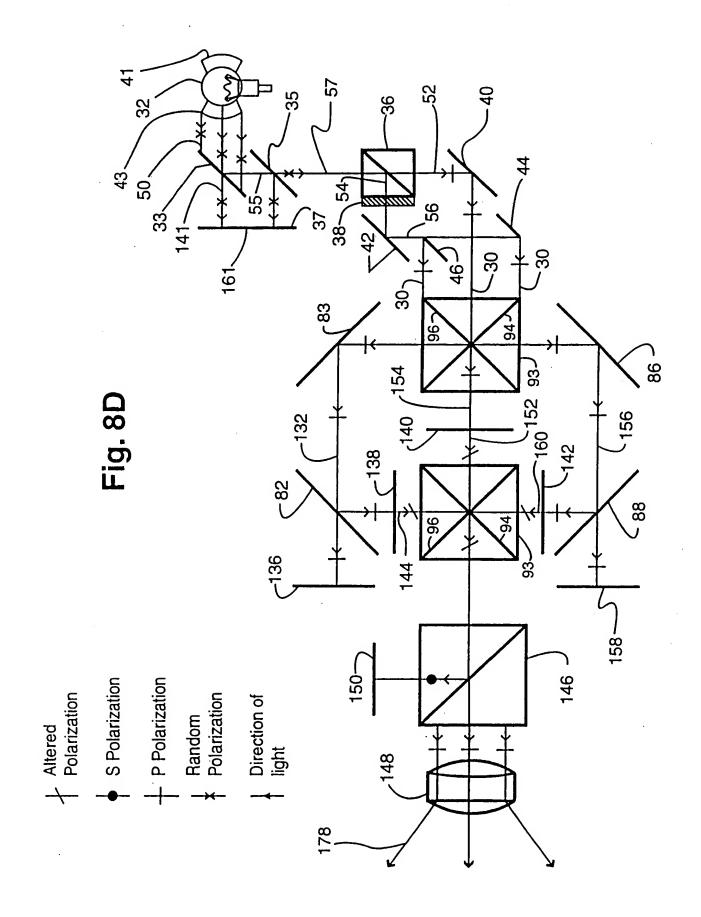


Fig. 8B





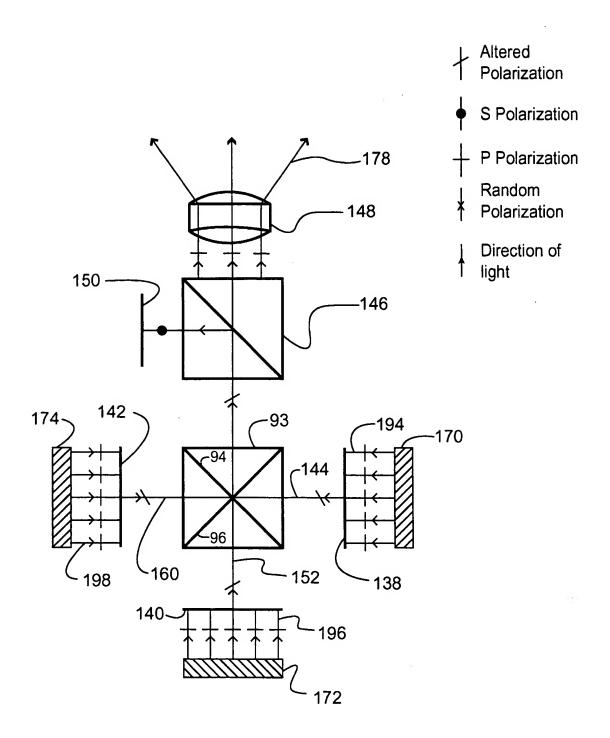


Fig. 8E

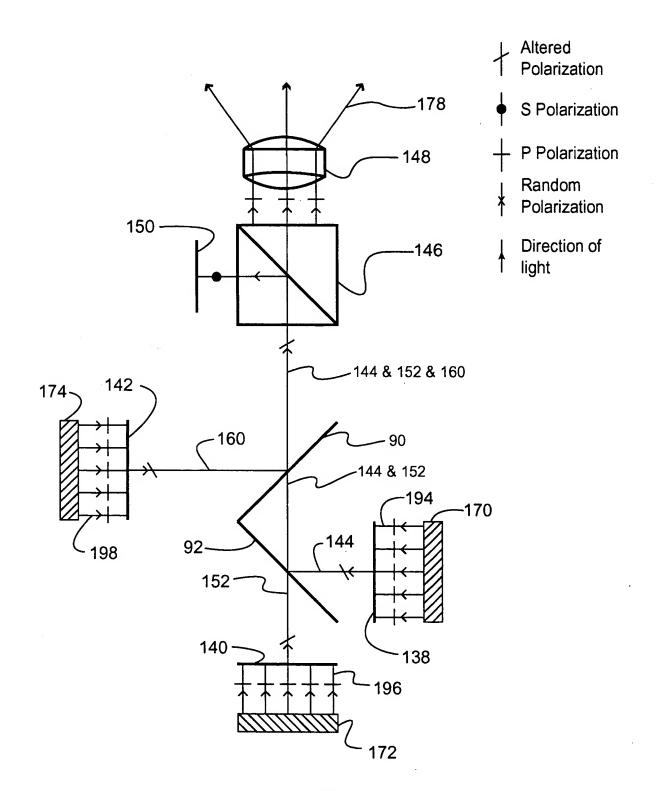
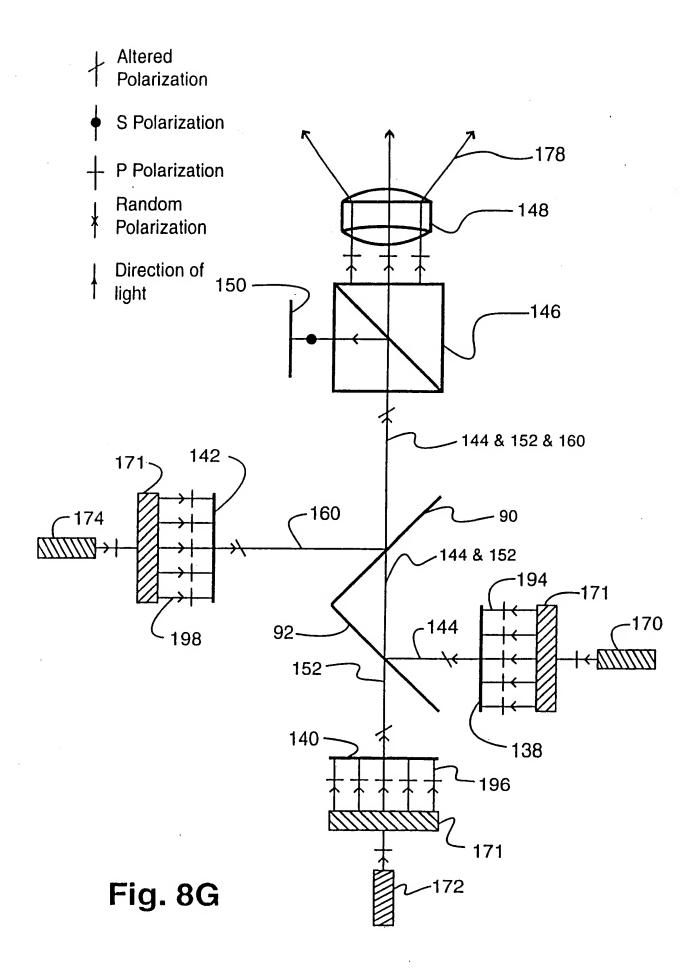


Fig. 8F



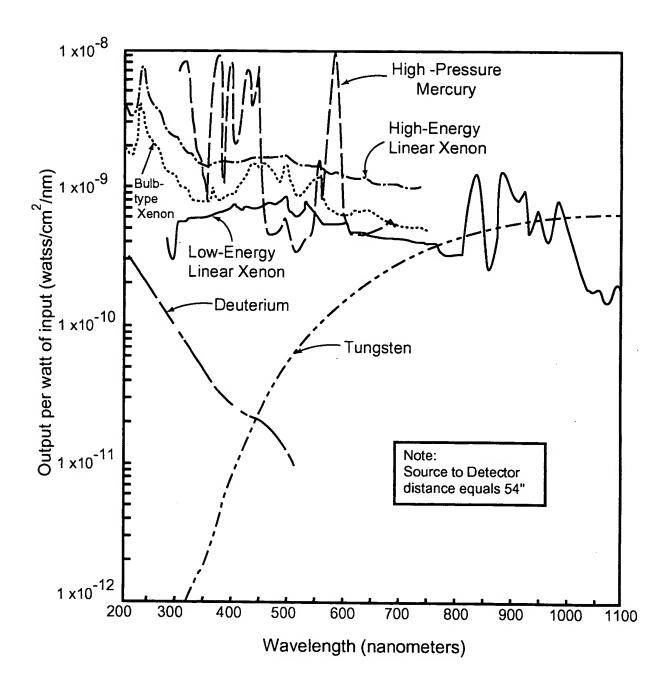


Fig. 9

SOURCE TYPE	LUMENS / WATT (1 PW)	APPARENT COLOR TEMP	SOURCE SIZE OR	AVERAGE LUMINANCE
		(°K)	TYPE	(cd/mm2)
NATURAL (observed from eart	th)	#00.0¥2		* < 0.0
Sun Moon		5900K		1600 0.0025
		12 000 4- 25 0001		0.0025
Clear Sky		12,000 to 25,000K		0.002
Overcast Sky	_	6500K		8x10 ⁴
Lightning Flash				9710
COMBUSTION				
Candle flame		2000K	5x5mm	0.01
Kerosene Flame	_	 ·	8x8mm	0.012
Natural Gas Flame			12x12mm	0.004
Acetylene Flame			4x4mm	0.11
Photoflash Lamp		3800K	varies	160 to 400
NUCLEAR			•	
Atomic Fission Bomb			30 dia	2x10 ⁶
Self-Luminous Points				2 or 3x10 ⁻⁷
CARBON ARC				
Flame Flame	18	3800K	5x5mm	180
High Intensity	22	5500-6500K	8x8mm	500 to 1500
ENCLOSED ARC				
Compact high Pressure				
Mercury (100W)	20	8000K	0.25 x 0.2 mm	1700
Mercury (200W)	50	7000K	0.6x2.2mm	400
Mercury-Xenon (100		6000K	1.5x4.2mm	350
Xenon(150W)	19	6000K	0.5x1.9mm	180
Xenon(1600W)	37.5	6000K	1.4x4.0mm	800
Xenon(20,000W)	57	6000K	3x11mm	4800
Metal Halide			***************************************	
HMI(1200W)	92	5600K	2.5x13mm	120
CSI (1000W)	80	4200K	5x9mm	80
CID (1000W)	62	5500K	5x9mm	65
MARC 300	45	5000K	1x3mm	400
Zirconium	2.5	3200K	1.5mm dia	46
Argon	17	7000K	3x10mm	1400
High Intensity Discharge				
Clear Mercury (400)	•	6000K	20x68mm	1.5
Metal Halide (400W)	85	4500K	20x40mm	4.2
High Pressure	•			
Sodium (400W)	125	2100K	8.8x87mm	6.5
Low Pressure				
Fluorescent (cool white)	00	40000		
430 ma	80	4300K	T12 Bulb	0.008
800 ma 1500 ma	82 70	4300K	T12 Bulb	0.011
Sodium	. 150	4300K 1700K	T12 Bulb	0.017 .1
ELECTROLUMINESCENT				-5
Green @ 60 Hertz Green				3x10 ⁻⁵
Green @ 400 Hertz Gree	en ——			7x10 ⁻⁵
INCANDESCENT				
Carbon Filament	3	2000K	C6 or C8	0.5
Tantalum filament	6	2200K	C6 or C8	0.7
Tungsten Filament				
Vacuum Lamp	10	2600K	C6 or C8	2.0
Gas Filled Lamps	20	3000K	CC6 or CC8	12
(includes tungsten	26	3200K	CC6 or CC8	24
halogen lamps)	33	4300K	CC6 or CC8	36

Fig. 9A

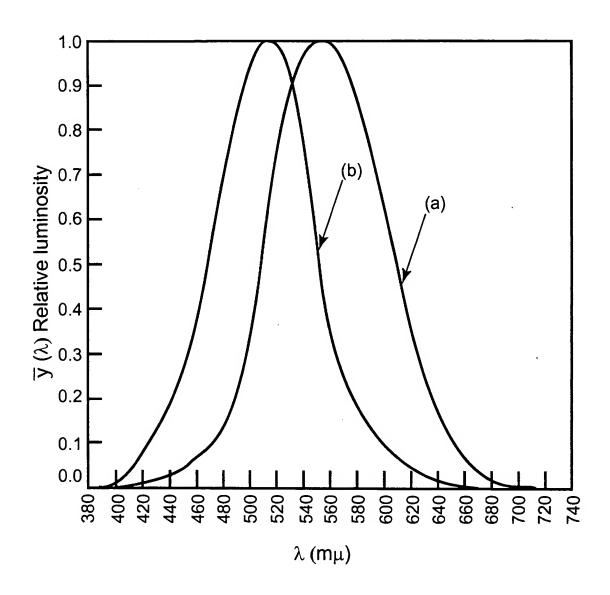


Fig. 10

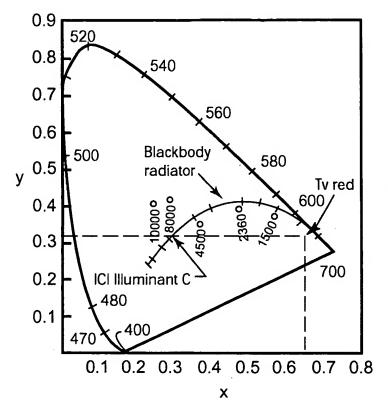


Fig. 10A

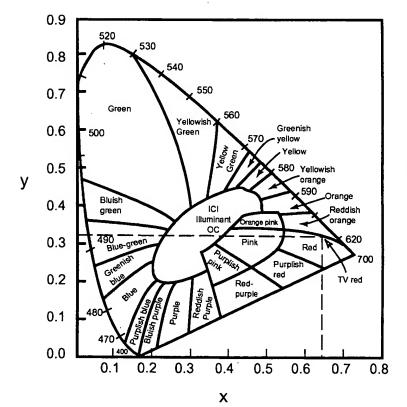


Fig. 10B

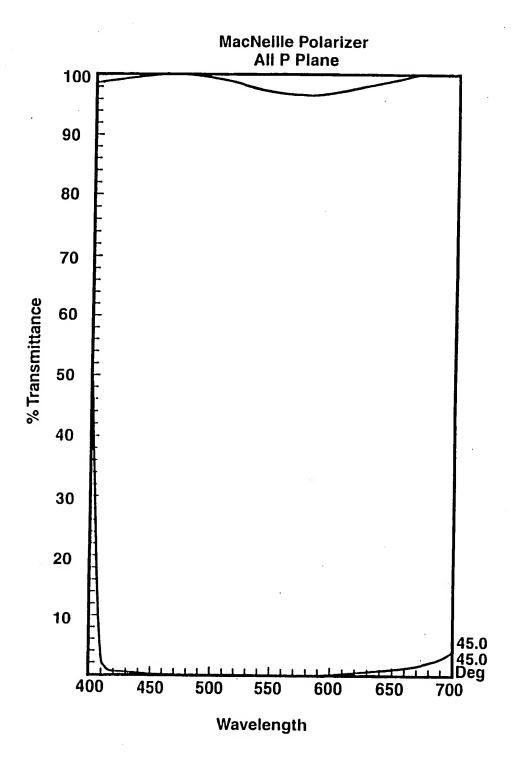


Fig. 11

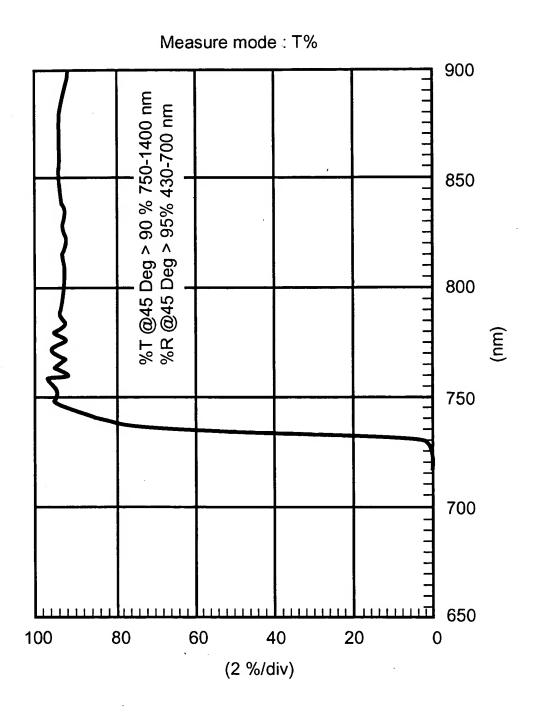


Fig. 12

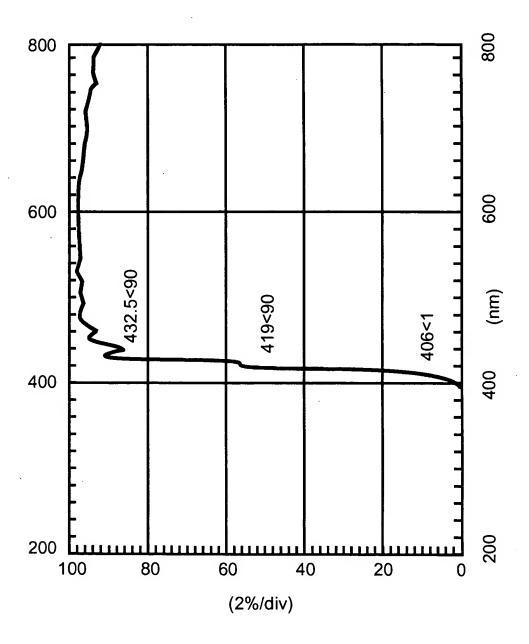


Fig. 13

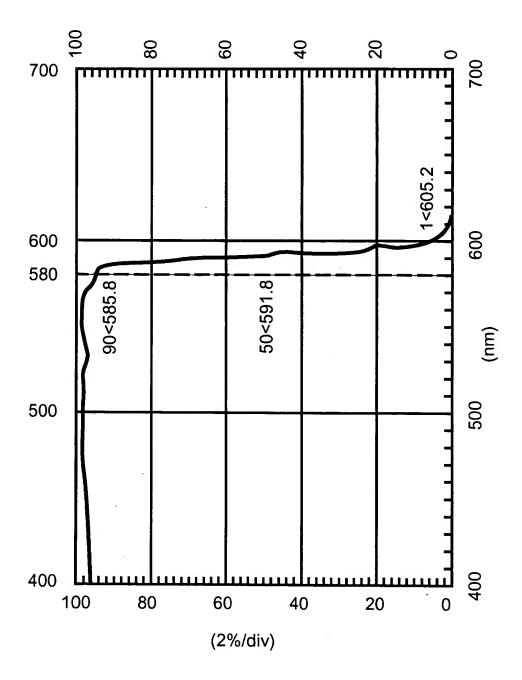


Fig. 14

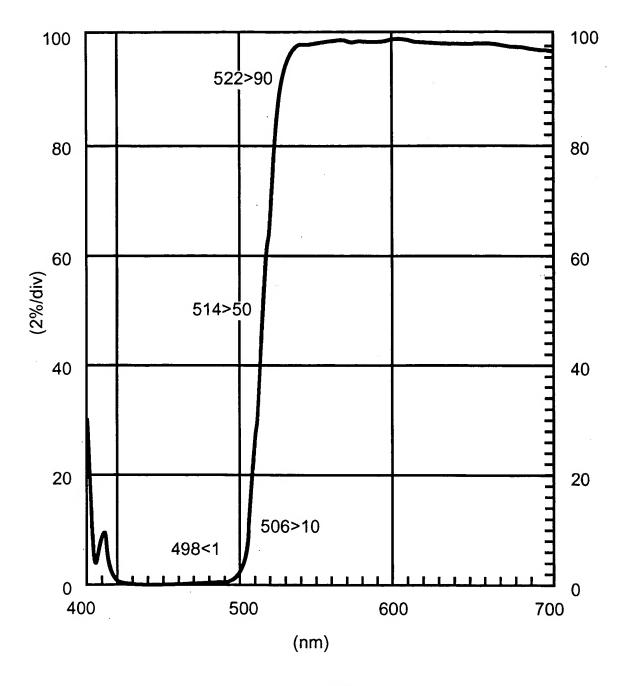


Fig. 15

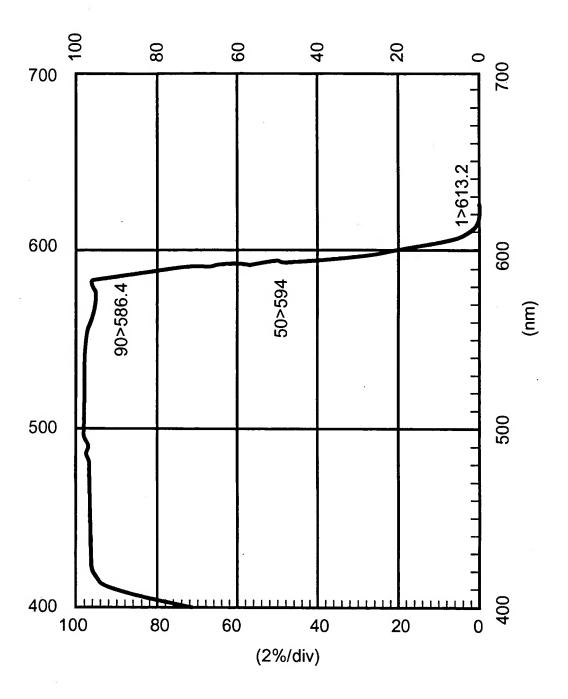


Fig. 16

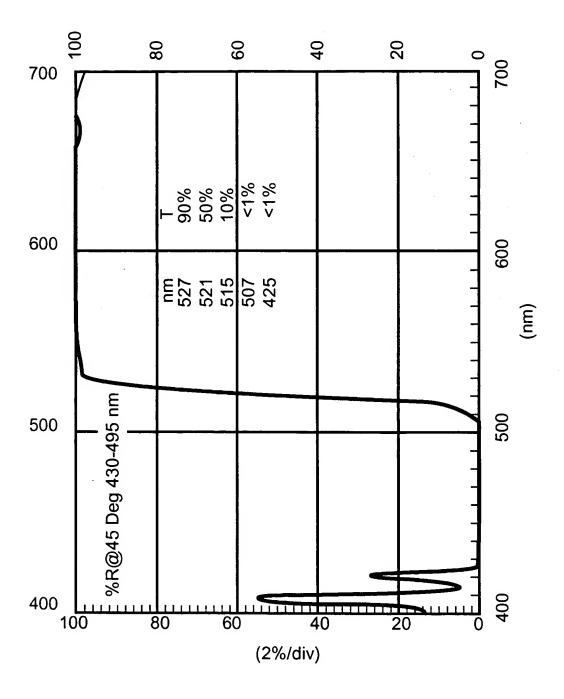


Fig. 17

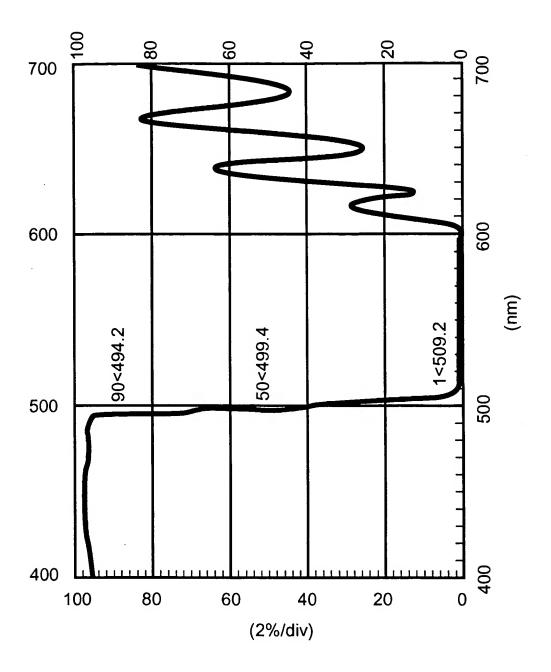


Fig. 18

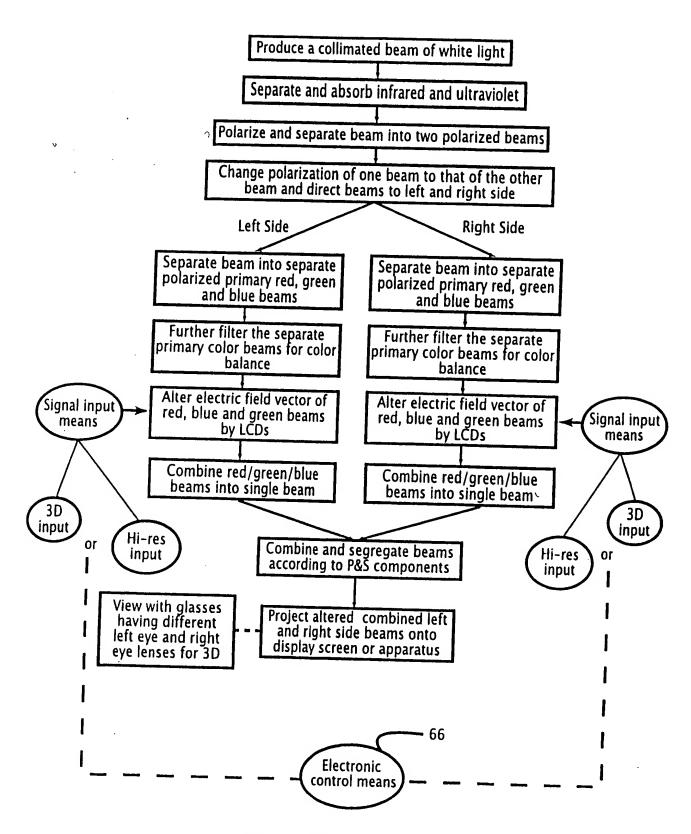


Fig. 19

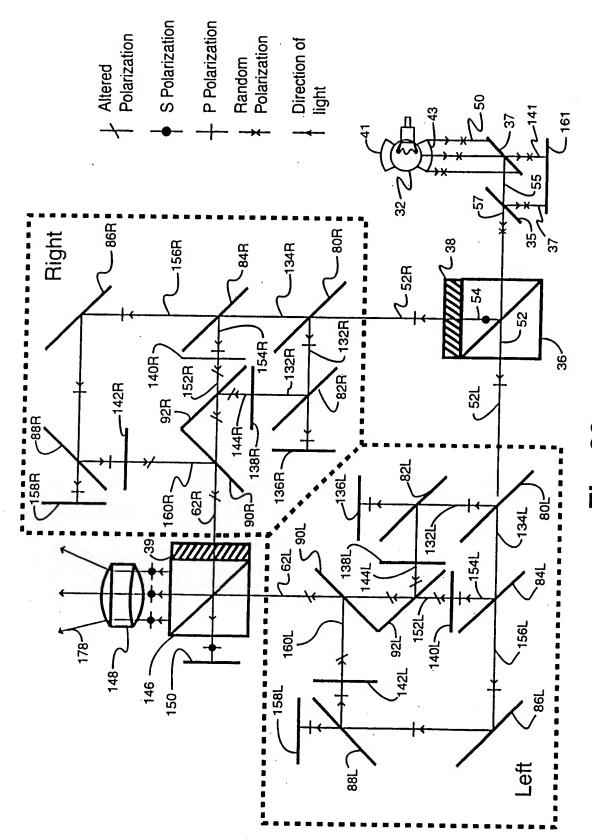
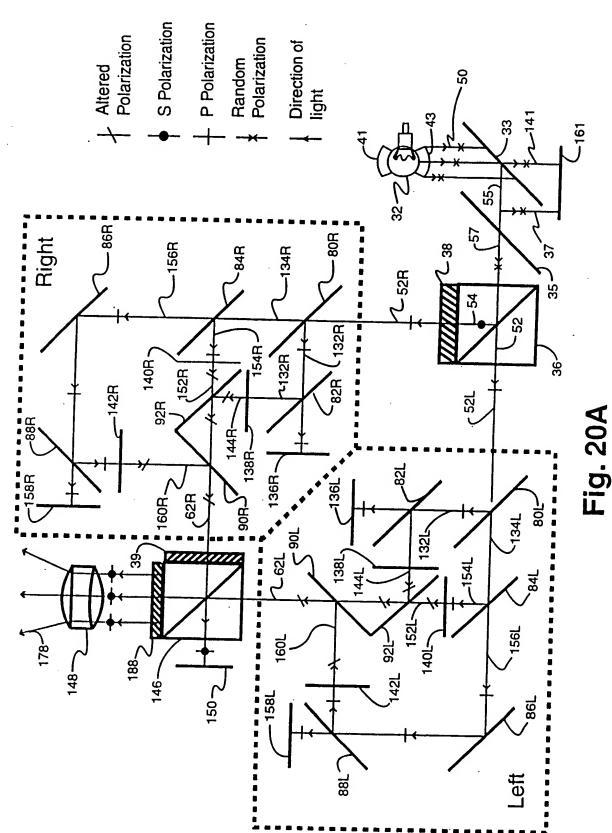
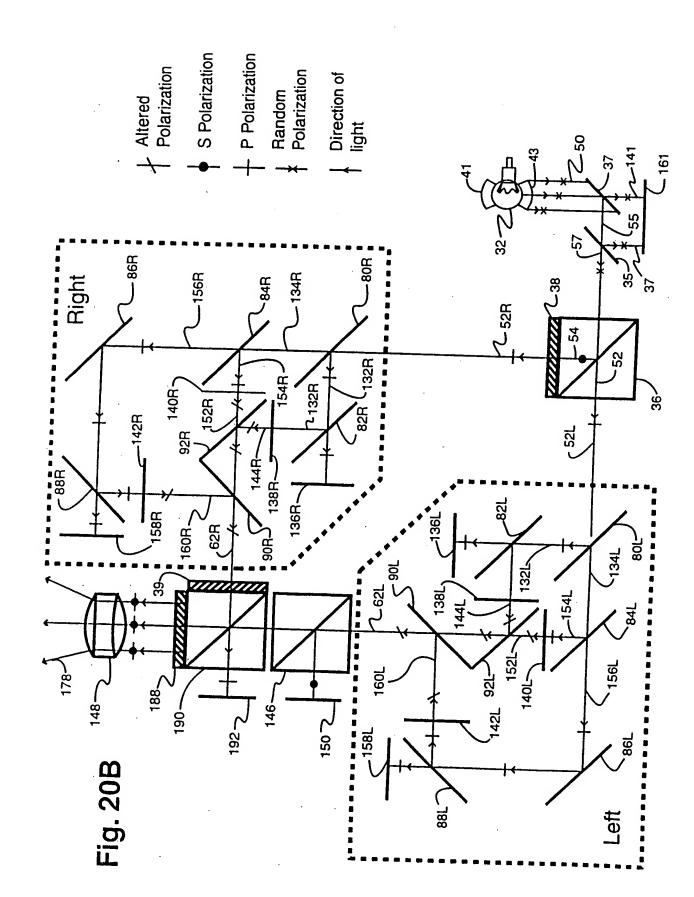
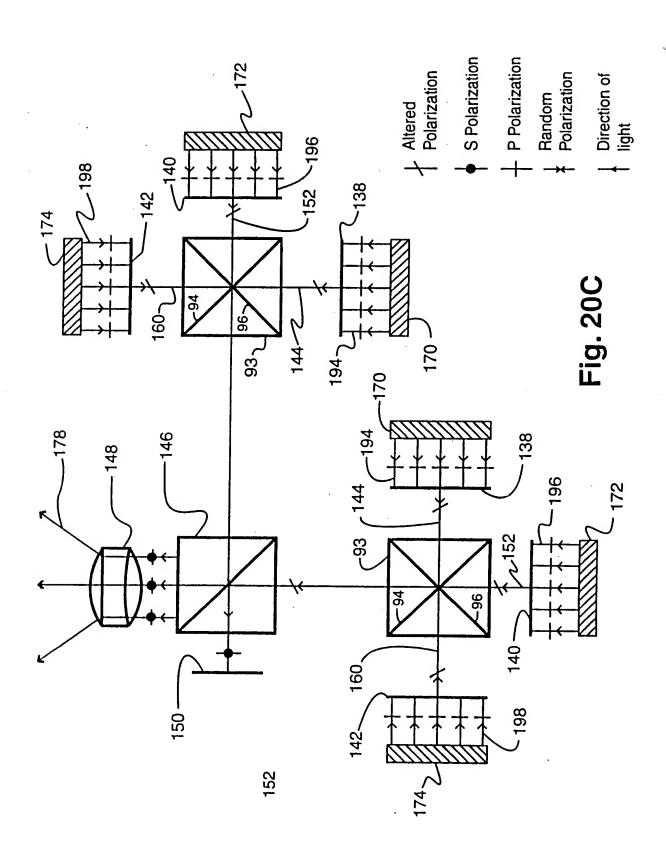
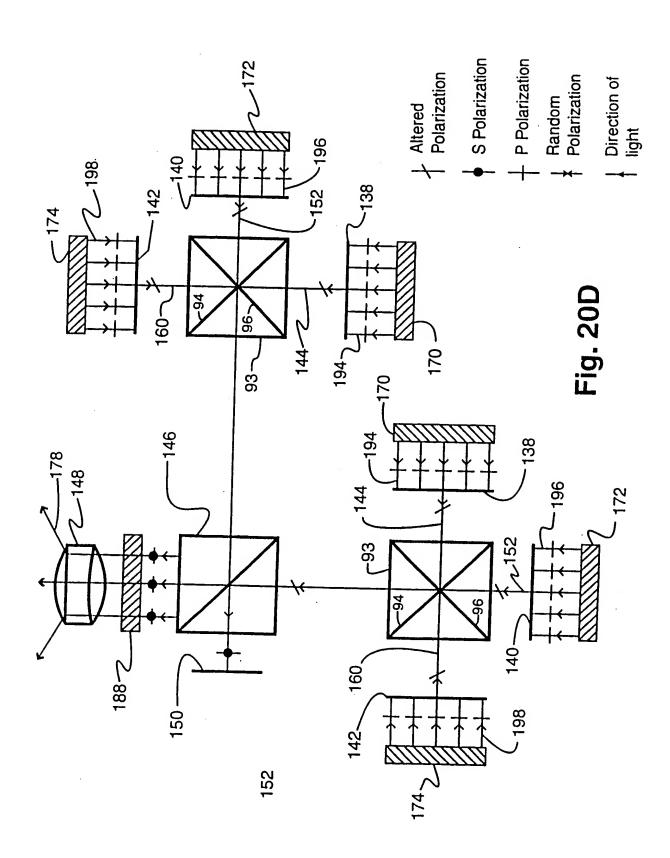


Fig. 20









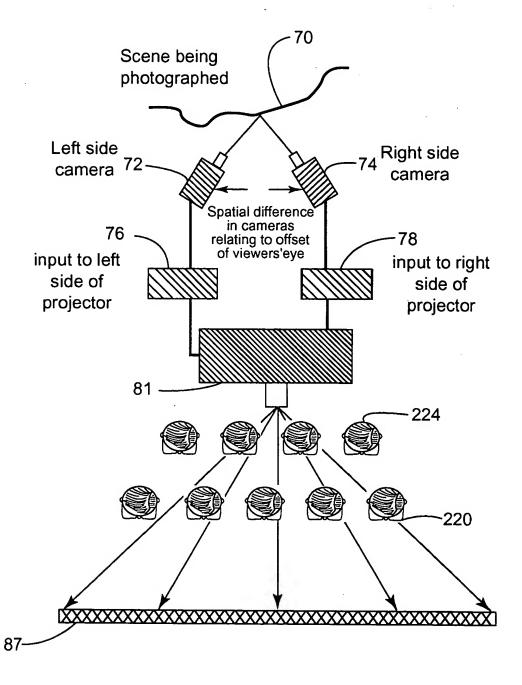


Fig. 21

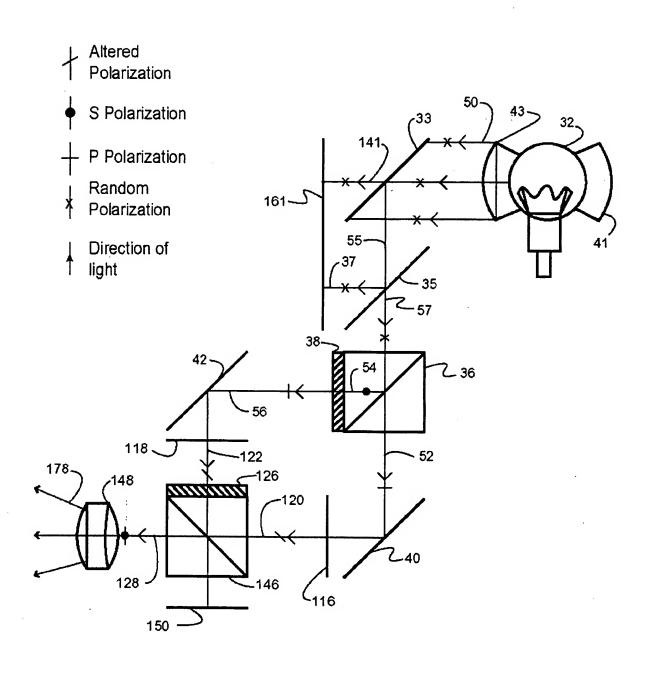


Fig. 22

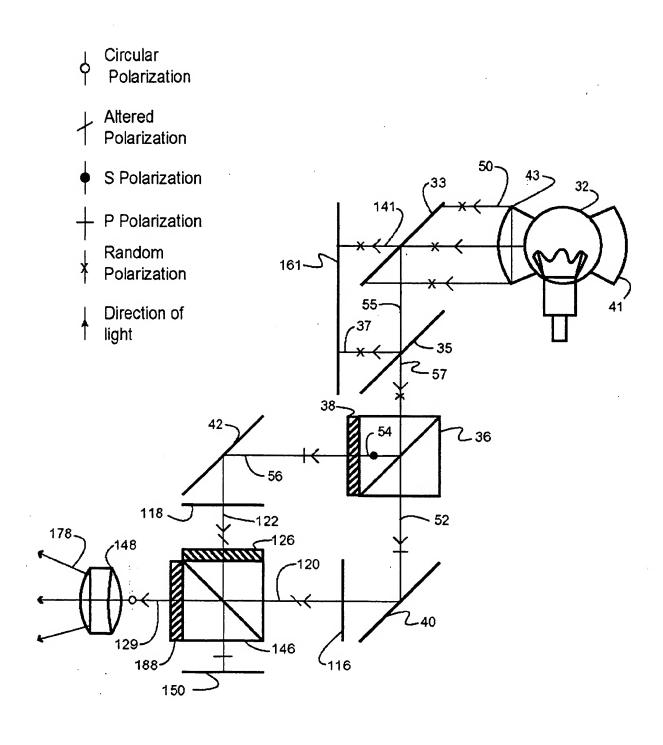


Fig. 22A

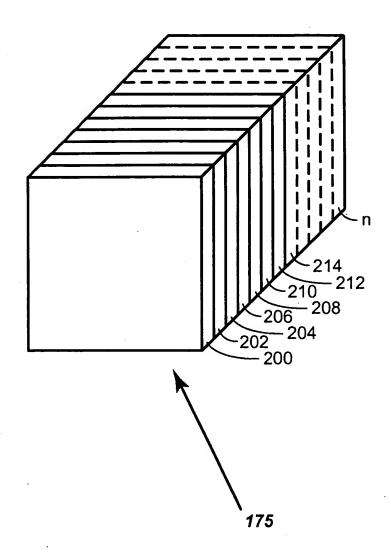


Fig. 23

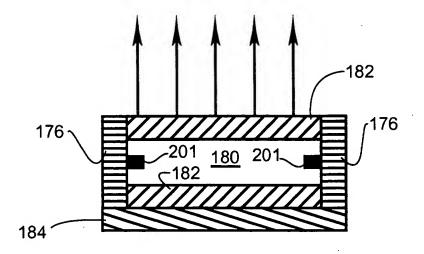
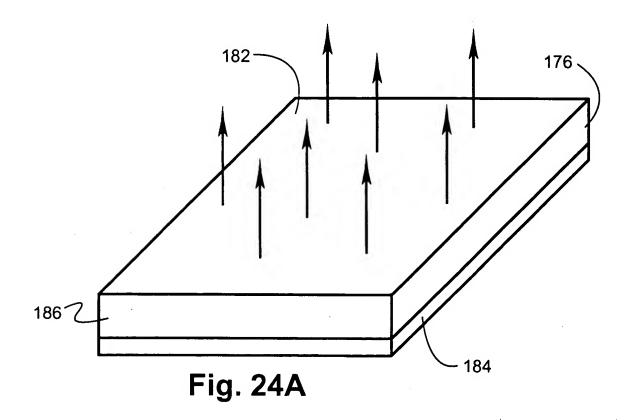


Fig. 24



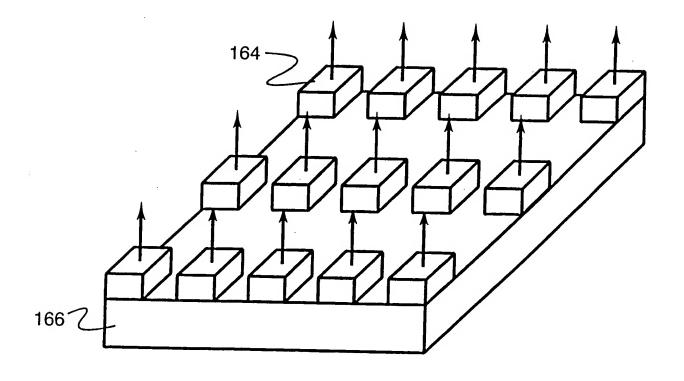


Fig. 25

PART NO.	FIG NO.	TYPE OF MIRROR	SYSTEM USEAGE	>NM TRANS -MISSION	<nm TRANS -MISSION</nm 	>NM REFLEC- TION	<nm REFLEC- TION</nm
33	12	CUTOFF	IR FILTER	700			700
35	·	CUTOFF	UV FILTER	430			430
40		BROADBAND	MAIN BEAM REFLECTOR			400	
42		BROADBAND	MAIN BEAM REFLECTOR			400	
44		BROADBAND	MAIN BEAM REFLECTOR			400	
46		BROADBAND	MAIN BEAM REFLECTOR			400	
80	14	BANDPASS	RED SPLITTER		585	595	
84	18	BANDPASS	GREEN SPLITTER		490	500	
86	15	CUTOFF	BLUE REFLECTOR	495			490
82	14	BANDPASS	RED REFLECTOR TUNER		590	605	
92	16	BANDPASS	RED-GREEN COMBINER		585	615	
90	17	CUTOFF	RED -GREEN/BLUE COMBINER	525			500
88	15	CUTOFF	BLUE REFLECTOR TUNER	490			485

Fig. 26

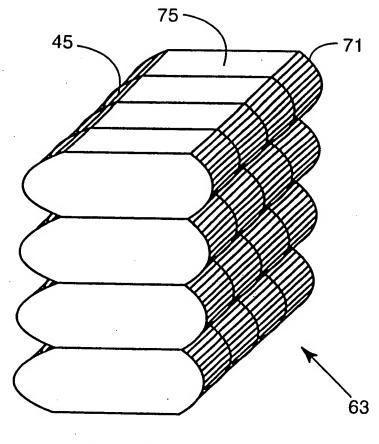


Fig. 27

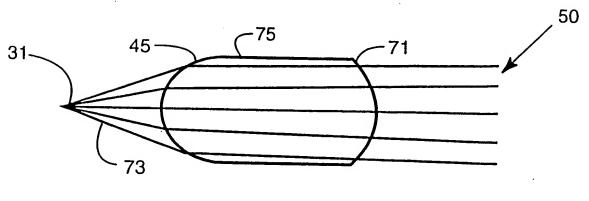


Fig. 27A

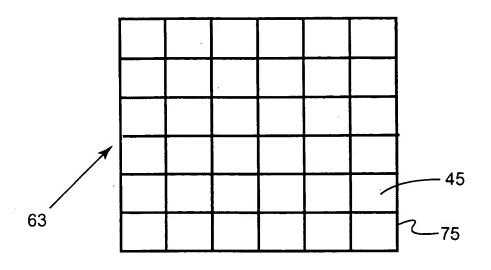


Fig. 27B

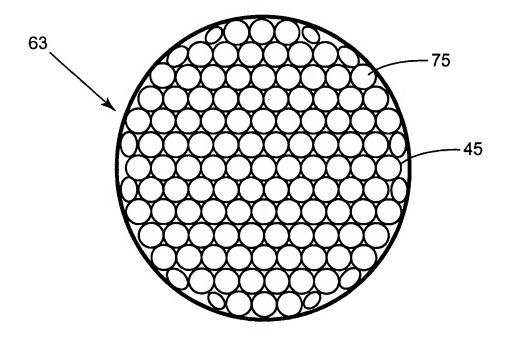


Fig. 27C

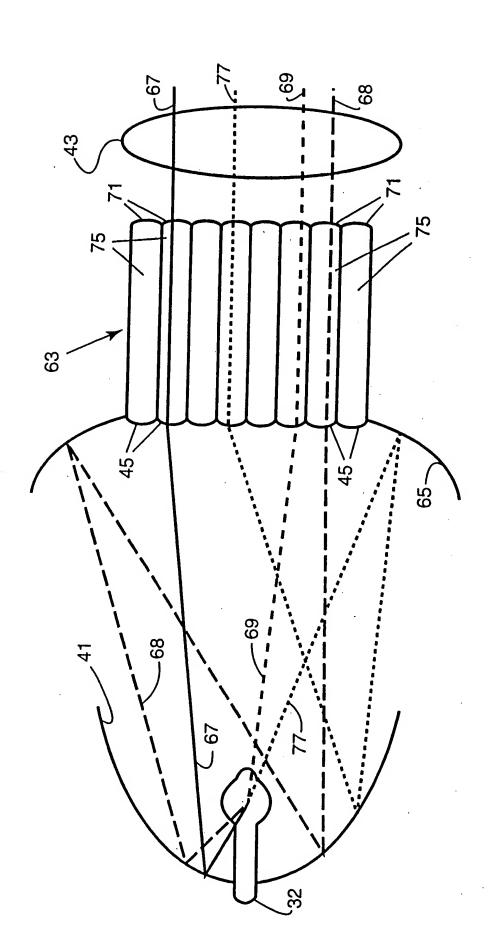


Fig. 28

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